

# IGM NEWS



Advancing Geoscience,  
Advancing the Nation

The electronic newsletter of the Institute of Geology Malaysia

June 2021

*For IGM members only*

**Edition 21, No.1**

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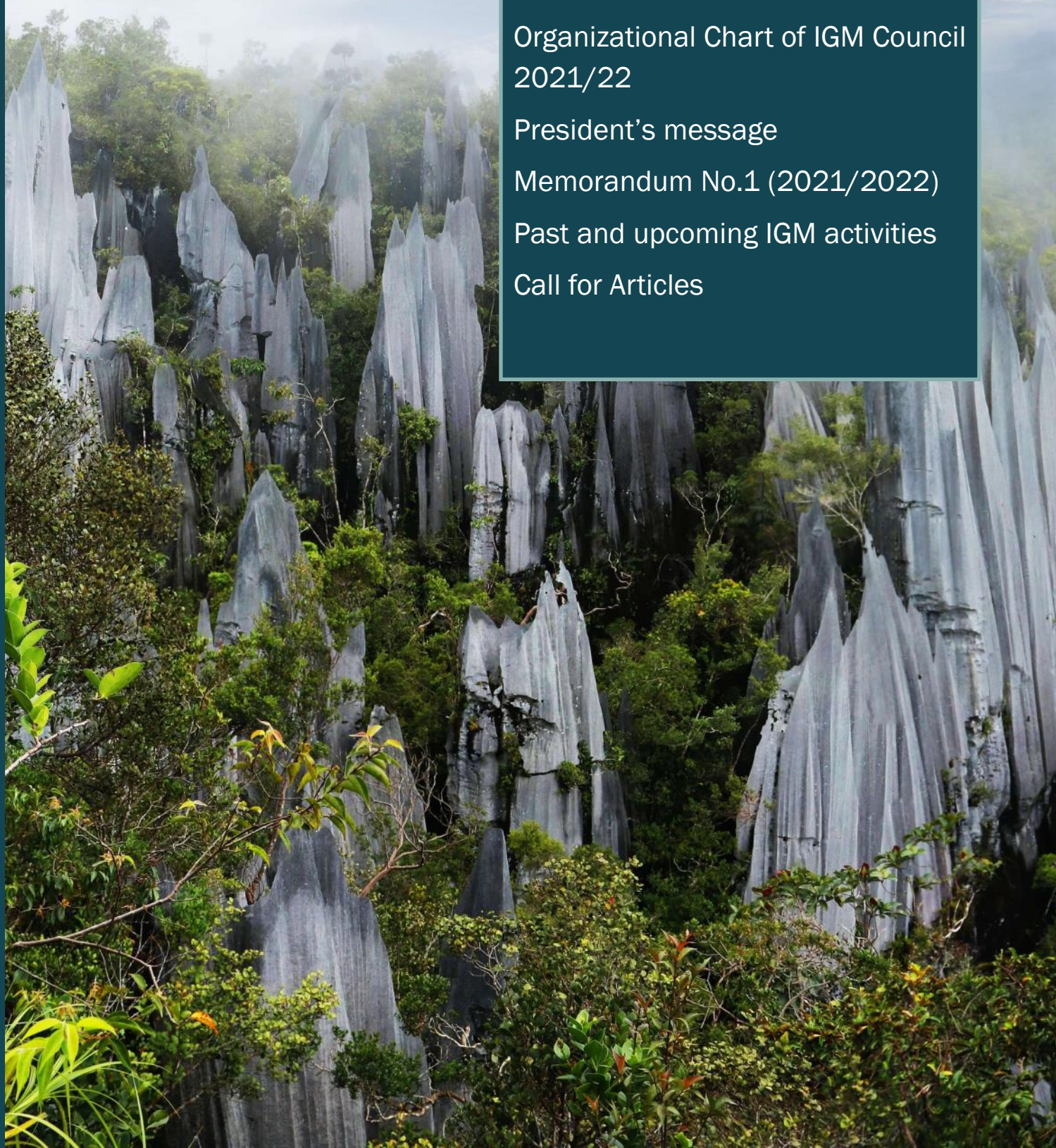
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## ABOUT IGM

## IGM COUNCIL 2021/22

Institute of Geology Malaysia, also known as IGM, was officially registered with the Malaysian Registrar of Societies in 1989 (PPM-003-14-11031989). Its establishment was in response to the urgent need for a single body to regulate the profession of geology in Malaysia. The seal of IGM portrays a hammer flanked by silhouette maps of Peninsular Malaysia and East Malaysia. The seal depicts the basic tool of the field geologist and thus symbolizes the role of the geologist in Malaysia. The objectives of IGM are as follows:

establishment was in response to the urgent need for a single body to regulate the profession of geology in Malaysia. The seal of IGM portrays a hammer flanked by silhouette maps of Peninsular Malaysia and East Malaysia. The seal depicts the basic tool of the field geologist and thus symbolizes the role of the geologist in Malaysia. The objectives of IGM are as follows:

1. To provide a central organization for geologists in the form of a learned and scientific institute for geology and to provide for the definition of, and qualification for, the various branches of the profession of the geological sciences.
2. To promote friendly interaction amongst geologists and to hold meetings for readings and discussions of matters relating to geology and their various arts and sciences connected therewith.
3. To regulate and uphold the dignity, standing and reputation of the profession of geology.
4. To promote and advance the knowledge, study and practice of geology and the various arts and sciences connected therewith.
5. To assist, advise and cooperate with government departments and other private or public bodies in an honorary capacity on questions relating to the science of geology and policy in respect of land and earth resource utilisation and all other matters connected therewith.

IGM Council for 2021/2021 as elected at the 30<sup>th</sup> Annual General Meeting on 23 April 2021 are as follow:

### President

P.Geol. Gs. Abd. Rasid Jaapar, F.I.G.M, FGS, MGRSM

### Vice-President

P.Geol. Mohd Badzran Mat Taib, F.I.G.M

### Secretary

P.Geol. Gs. Wan Md. Nizam Wan Isa, M.I.G.M, MGRSM

### Treasurer

P.Geol. Ahmad Nizam Hasan, F.I.G.M

### Council Members (2 years)

P.Geol. Abdullah Sulaiman, F.I.G.M

P.Geol. Dr. Ahmad Farid Abu Bakar M.I.G.M

P.Geol. Sanatul Salwa Hassan, M.I.G.M

P.Geol. Dr. Rohayu Che Omar, M.I.G.M

### Council Members (1 year)

P.Geol. Dr. Rosli Sa'ad M.I.G.M

P.Geol. Nizarul Ikram Abdul Rahim M.I.G.M

P.Geol. Devendaran Arumugam F.I.G.M

P.Geol. Yip Foo Weng M.I.G.M

# IGM CHAPTER, TECHNICAL COMMITTEE & WORKING COMMITTEE

The Council of Institute of Geology Malaysia (IGM) for 2021/2022 at the 1<sup>st</sup> Council Meeting held on 28<sup>th</sup> May 2021, has decided on the appointment of Chairs for IGM Chapters, Technical Committee and Working Committee in accordance with Article VI, Clause 15 of IGM Constitution as follow:

## IGM CHAPTER:

IGM Sabah Chapter

*Chairperson: P.Geol. Alexander Yan Sze Wah M.I.G.M*

IGM Sarawak Chapter

*Chairperson: P.Geol. Dr. Richard Mani Banda M.I.G.M*

## TECHNICAL COMMITTEE

Technical Committee on Hydrogeology & Groundwater Resources

*Chairperson: P.Geol. Nizarulikram Ab. Rahim M.I.G.M*

Technical Committee on Environmental & Engineering Geology

*Chairperson: P.Geol. Qalam A'zad Rosle M.I.G.M*

Technical Committee on Petroleum Geology

*Chairperson: P.Geol. Sanatul Salwa Hasan M.I.G.M*

Technical Committee on Mineral Resources & Mining

*Chairperson: P.Geol. Yip Foo Weng M.I.G.M*

Technical Committee on Geophysics

*Chairperson: P.Geol. Dr. Rosli Saad M.I.G.M*

Technical Committee on Coastal and Marine Geology

*Chairperson: P.Geol. Abdullah Sulaiman F.I.G.M*

Technical Committee on Disaster Risk Reduction & Climate Change Adaption

*Chairperson: P.Geol. Prof Joy J Pereira F.I.G.M*

Technical Committee on Geoheritage & Geopark

*Chairperson: P.Geol. Dr Tanot Unjah M.I.G.M*

## WORKING COMMITTEE

Working Committee on Promotion & Outreach

*Co-chairperson:*

*i) P.Geol. Abd. Rasid Jaapar, F.I.G.M,*

*ii) P.Geol. Wan Md. Nizam Wan Isa, M.I.G.M*

Working Committee on Continuous Professional Development

*Chairperson: P.Geol. Devendran Arumugam F.I.G.M*

Working Committee on Finance, Admin and Membership

*Co-chairperson:*

*i) P.Geol. Mohd Badzran Mat Taib, F.I.G.M*

*ii) P.Geol. Ahmad Nizam Hasan, F.I.G.M*

Working Committee on Early Career Geologists and Students

*Chairperson: P.Geol. Mohamad Shaufi Sokiman M.I.G.M*

Working Committee on Women in Geology

*Chairperson: P.Geol. Dr. Rohayu Che Omar M.I.G.M*

Working Committee on Publications

*Chairperson: P.Geol. Dr. Ahmad Farid Bin Abu Bakar M.I.G.M*

All members who want to contribute through any Chapters, Technical Committees or Working Committee, please contact the respective chairperson.

# PRESIDENT'S MESSAGE

Based on speech during Annual General Meeting on 23<sup>rd</sup> April 2021



## P.GEOL. GS. ABD RASID JAAPAR 2021/22 IGM PRESIDENT

Assalamualaikum wrt.

Thank you very much Dato Zakaria Mohamad, immediate past President and Mr. Ling Nan Ley, past Secretary and other outgoing members for untiring contribution to IGM. I would like to thank all IGM members either you voted me in or out. Democratic system in IGM is working well. Thanks to our outgoing Mr. Secretary, Ling Nan Ley for the hard work. He has to wait until the very last minute until voting counter is closed to finalize his report.

Actually, I am reluctant to hold any presidency position this year as I want to focus on my business post-Covid 19 era. I thought I am relieved for not continuing as GSM President. However, when I was chosen to be the Board Member of BOG as an IGM representative, I knew I will be asked to be the President of IGM to set precedent that the IGM representative to BOG shall be the President of IGM. Thanks to Dr. Rosli Saad for offering himself to be the IGM President as well. We will invite him to be in the council soon.

As per my 'manifesto', My vision is to elevate IGM to be one of the respectful professional organization in Malaysia and my plans included focusing on four Key Result Areas (KRAs);

- activities and participations
- publications
- membership
- financial & asset management

From these KRAs, we can develop Key Performance Indicators (KPIs) to monitor our progress and achievements. This was never been done before. We need to have Strategic Plans, at least for 5 years.

I have been the President of GSM for 4 years. Alhamdulillah now the geological students at all local universities knew GSM better as compared to my time in university. GSM have slightly more than 1,000 members now and I believe IGM also can have 1,000 members within 3 years. From my calculation, the plan to transform IGM to be one of the respectful professional organization in the country may need 3 years at least. Insyaallah, IGM can be a half-millionth ringgit organization after 3 years.

There are many aspects of IGM management that need to be improved. I believe all the council members, past and present really want to help IGM to grow. Unfortunately, without permanent secretariat, they can't move fast enough. Now, IGM will be busier than ever as the CPD program is up and running. IGM have responsibilities to deliver this, like it or not. IGM also will need to come out with several guidelines for the consultancy and services provided by our member as well as to support JMG and BOG. Therefore, we need to hire permanent secretariat as soon as possible.

The launching of Mineral Industry Transformation Plan (TIM) by YAB Prime Minister yesterday and the craziness on geopark by state governments off late showed that geologists and IGM have greater roles to play. If we failed, the vacuum will be filled by others.

IGM also for the first time has organized its own biennial Symposium on Geoscience Practice in 2020. It was chaired by myself and co-chaired by other colleagues in IGM. I believe IGM can organize international event soon. By doing this, we can improve not only our image and status but also our financial situation. Next SGP will be in 2022. We will try to jointly organize it with NGC2022 and GEOSEAXVI in Miri, Sarawak.

The ASEAN Federation of Geoscience Organisations (AFGeo) was established recently under the initiative by GSM. Next will be the ASEAN Mutual Recognition Agreement (MRA) to develop ASEAN Professional Geologists Register that allow recognition and mobility of professional geologists within ASEAN countries. Apparently, the recognition of ASEAN Professional Geologists Register by the world of geoscience industry. IGM should be part of this initiative.

I used 'Better Practice through Research' as one of my business tag line where I believe research or knowledge improvement and practice are inseparable. I also believe that academic and industry should work together hand in hand. Therefore, I also believe that one day, when all of us are ready, the GSM and IGM should be merged into single entity so that we are more focus on our existence and purposes.

Lastly, I would like to thank again all IGM members for the trust and support. Insyaallah, I will do my best to serve the presidency.

P.Geol. Gs. ABD RASID BIN JAAPAR F.I.GM. FGS. MIGRSM  
President 2021/22  
23 April 2021

# MEMORANDUM NO. 1 (2021/2022)

The Council of Institute of Geology Malaysia (IGM) for 2021/2022 at the 1<sup>st</sup> Council Meeting held on 28<sup>th</sup> May 2021 has agreed to encourage all IGM members the following:

- Members of IGM who are Registered Professional Geologist with Board of Geologists Malaysia (BOG) to use the abbreviation P.Geol in front of his/her name.
- Members of IGM to use abbreviation F.I.G.M, M.I.G.M or L.I.G.M after his/her name.

*Example: P.Geol. Mohamad Said Syukor, M.I.G.M*

This is in line with Geologists Act 2008 (Act 689) under Part III, Clause 23. (1)(c), *be entitled to describe himself as a "professional geologist" and to use the abbreviation "P.Geol." after his name or in any way in association with his name;*

Article IV, Clause 1 of IGM Constitution stated, *Corporate Members of the Institute shall use the abbreviations corresponding to the respective class of membership as follows:*

- *Fellow F.I.G.M*
- *Member M.I.G.M*
- *Licentiate L.I.G.M*

IGM trust this is an important step for the promotion and advancement of the profession, BOG and IGM.

Thank you.

Yours sincerely,

INSTITUTE OF GEOLOGY MALAYSIA



P.Geol. Gs. ABD RASID BIN JAAPAR, *F.I.G.M, FGS, MIGRSM*

President,

Session 2021/2022



## PRESIDENT

P.Geol. ABD RASID JAAPAR F.I.G.M obtained MSc in Applied Geoscience (Eng. Geol.) with distinction from the University of Hong Kong. He is the Chief Executive Officer of GMT Group. He has almost 30 years of experience in environmental, engineering geology, geotechnical engineering and groundwater development in construction as well as in oil and gas industry. He is the Board Member, BOG. He is also the Immediate Past President of GSM, Vice President of MyGeo and SEGRM (which is affiliated to IAEG and ISRM). He is also an Adjunct Professor at UMK and Adjunct Lecturer at UTP.

## VICE-PRESIDENT

P.Geol. MOHD BADZRAN BIN MAT TAIB F.I.G.M joined Department of Mineral and Geoscience Malaysia (JMG) in 1990 and is currently the Deputy Director General of Operation Division of JMG. He graduated with BSc. (Hons) in Geology from Universiti Kebangsaan Malaysia (UKM) in 1985. He has vast experience in geological mapping, geological heritage mapping, geological hazards investigation and groundwater study. In addition, he has served as national coordinator for Coordinating Committee for Geoscience Programmes in East and Southeast Asia (CCOP), ASEAN Senior Official Meeting on Minerals (ASOMM), Malaysia-Thailand Border Joint Geological Survey (MT-JGS), and Malaysia-Indonesia Technical and Scientific Cooperation in Mineral and Geoscience. He was appointed as a Board Member of the Board of Geologists (BoG) for two terms; 2015-2017 and 2018-2020.



## SECRETARY

P.Geol. WAN MOHAMED NIZAM BIN WAN ISA M.I.G.M graduated from National University of Malaysia (UKM) in 1987. He is the Principal of Progeo Consult. He has almost 33 years of experience in environmental, engineering geology and geotechnical engineering. He is a Council Member of Malaysia Site Investigators Association (MSIA) for 2021-2023 sessions and Immediate Past Secretary for MSIA for 2018-2020. He was also the Council Member of IGM for 2019-2021 sessions. His vision is to uplift geoscience profession higher or at par with other professions and his mission is to help the geologist community in terms of creating chances and more job opportunities.

## TREASURER

P.Geol. AHMAD NIZAM B. HASAN F.I.G.M is a Founder and Principal of GeoSolution Resources group of companies, a well known geological, environmental, mining and geotechnical consultant in Malaysia and Southeast Asia based in Selangor. He graduated with Honours from University of Malaya (UM) in 1990. He has almost 28 years of experience and his expertise is in engineering geology and mining geology. Currently, he is a President of the Geological Society of Malaysia (GSM). He is also a Member of the Industrial Council (AGE) of Universiti Malaysia Kelantan (UMK), Lecturer of IKRAM Skill and Development Center and a Member of European Geoscientist Union (EGU). His motto is Strive for Skyhigh Success & Sustainability for Humanity and Wellbeing.





## COUNCIL MEMBER (2021-2023)



P.GeoL. ABDULLAH BIN SULAIMAN F.I.G.M graduated with Honours from University of Malaya (UM) in Bachelor of Science in Applied Geology in 1993. He obtained his Master of Science in Oceanography from National Oceanography Centre, University of Southampton, United Kingdom in 2009. He is a Director at Department of Mineral and Geoscience Malaysia, Kedah/Perlis/P.Pinang. He has almost 27 years of experience in Department of Mineral and Geoscience Malaysia. His expertise is in marine geology & geophysics, seabed aggregate and mineral resources, UNCLOS (Article 76), coastal geology and geohazard mapping, climate change especially in palaeo-sea level research, maritime issues, maritime delimitations and national/international joint research especially in Straits of Malacca and South China Sea. He is a board member of the Malaysian Board of Geologists (BOG) and a life member of Geological Society of Malaysia. He is also appointed as the Adjunct Professor at Faculty of Science and Marine Environment (FSSM), Universiti Malaysia Terengganu and Adjunct Lecturer at the Geoscience Department, Universiti Teknologi Petronas. He is a Chairperson for Coastal & Marine Geology Technical Committee.

P.GeoL. SANATUL SALWA HASAN M.I.G.M graduated with B.Sc. (Hons) in Geology from Universiti Kebangsaan Malaysia (UKM) in 1991. She obtained her Master of Science in Petroleum Geology, from University of Malaya in 2019. She is now working as a Staff Scientist in PETRONAS. She has almost 30 years of experience in geology and petroleum geology. Her expertise is Biostratigraphy, Sequence Stratigraphy, Sequence Biostratigraphy & Petroleum Geology. She is an Adjunct Lecturer in Universiti Teknologi PETRONAS (UTP) and Universiti Malaysia Sabah (UMS). She is a Chairperson for Petroleum Geology Technical Committee in IGM. Her vision and mission is to promote the awareness of earth science and to improve the management of natural resources to ensure the sustainability of the earth.



P.GeoL. Dr. ROHAYU BINTI CHE OMAR M.I.G.M graduated with (Ph.D., M.Sc. and B.Sc. (Hons.)) from Universiti Kebangsaan Malaysia (UKM). Currently, she is an Associate Professor and Director in Institute of Energy Infrastructure (IEI), Universiti Tenaga Nasional (UNITEN). She has almost 29 years of experience and her expertise is in Engineering Geology, GIS, Remote Sensing, Petrology, Environment & Development. She is a Chairperson for Woman in Geology Working Committee. Her vision is a prosperous and transformed society enabled by geoscience solutions and her mission is organizing good governance to guarantee quality, professionalism, capability and accountability.

P.GeoL. Dr. AHMAD FARID BIN ABU BAKAR M.I.G.M graduated (Ph.D., M.Sc. and B.Sc. (Hons.)) from University of Malaya (UM), Kuala Lumpur. Currently he is a Senior Lecturer at the Department of Geology, UM. He also holds position as Programme Coordinator for B.Sc. in Applied Geology in UM. He has almost 20 years of experience and his expertise is in Environmental Geology. His research focuses on soil, water and sediment quality, geochemistry, remediation as well as metal fate and transport modeling. He is responsible for IGM publication. He is a member of the Malaysian Board of Geologists (BOG) and a life member of Geological Society of Malaysia (GSM). His motto is to enhance geological knowledge through continuous improvement efforts for the benefit of the Earth, Humanity and Nation.



## COUNCIL MEMBER (2021-2022)



P.GeoL. NIZARUL IKRAM BIN ABDUL RAHIM M.I.G.M graduated with Honours from University of Malaya (UM) in Bachelor of Science in Applied Geology in 1993. He is a Director at Department of Mineral and Geoscience Malaysia. He has almost 28 years of experience and his expertise is in Hydrogeology and Intellectual Property (IP). He is a Chairperson for Hydrogeology & Groundwater Resources Technical Committee in IGM. His vision and mission is to strive for popularize the field of hydrogeology and geology in the eyes of the people of Malaysia.

P.GeoL. Dr. ROSLI BIN SAAD M.I.G.M graduated (Ph.D., M.Sc. and B.Sc. (Hons.)) from Universiti Sains Malaysia (USM), Pulau Pinang. Currently he is a Professor in geophysics at the Department of Geophysics, USM. He has almost 36 years of experience and his expertise is in Electrical, Seismic, GPR, Gravity and Magnetic methods in Geophysics. His research mainly focuses on application of geophysical methods in engineering and environmental studies. Currently, he is a Chairman for Geophysics Technical Committee in IGM.



P.GeoL. DEVENDRAN ARUMUGAM F.I.G.M is geotechnical manager with MMC Gamuda KVMRT (T) S/B. He holds a Bachelors degree in Physics majoring in geophysics from Universiti Sains Malaysia. He has over 35 years of experience in various near surface geophysics methods. Lately his focus has been in application of geophysics in tunneling projects in Malaysia, Singapore and Australia. He has served the Institute Geology Malaysia as a council member since 2011 and was actively involved in promoting near surface geophysics to the geological fraternity of Malaysia. He is a life member of GSM, member of EEGS, EAGE, SEG and member of BOG's scale of fees committee. He is also a member of the Industry Advisory Panel for Geosciences Department UTP. Currently he is the chairman of IGM's CPD working group. His vision is to promote best practices in field of near surface geophysics among geologists, geophysicists and engineers. Using his 35 years of experience in various industries and with the support of the current excellent IGM council, he intends to continue his contribution towards ensuring quality and practical geoscience courses are disseminated to the geological and engineering community.



P.GeoL. YIP FOO WENG M.I.G.M graduated with Honours from University of Malaya (UM) in Bachelor of Science in Applied Geology. He is a General Manager, Mineral Resource and Exploration, of Lion Mining Sdn Bhd. He has more than 40 years of experience and his expertise is in Mineral Exploration, Evaluation and Project Appraisal. He is a Life Member of GSM, a Member of Malaysian Chamber of Mines, Member of Institute of Materials, Minerals and Mining, UK (IOM3) and a Chartered Engineer (CEng) with British Council of Engineers. He is also a committee member of Jawatankuasa Perundangan, Etika, Disiplin & Penguatkuasaan (JPEDP) of Board of Geologists Malaysia from 31<sup>st</sup> January 2021 to 30<sup>th</sup> November 2023. He is a Chairperson for Mineral Resources & Mining Technical Committee in IGM. He is also a Chairperson for Malaysian Mineral Resource and Reserve Reporting Code (MMRC) Working Committee. His vision and mission is to promote knowledge sharing and activities related to Geology, Exploration and Mineral Resources for sustainable mining and developments.





## IGM SABAH & SARAWAK CHAPTER

### IGM SABAH CHAPTER



P.Geol. ALEXANDER YAN SZE WAH M.I.G.M Graduated in 1980 with B. Sc. (Hons) in Applied Geology from University of Malaya. He obtained his M.Sc. in Applied Structural Geology and Rock Mechanics from Imperial College, London, UK in 1993. He has also obtained an advanced Diploma in the Field of Mineralogy, from the Federal Institute for Geosciences and Natural Resources (BGR), Federal Republic of Germany in 1984. He has wide experience in mineral exploration, engineering geology investigation and quarry operation. He started his career in 1980 as geologist with the Geological Survey Department of Sabah. He was promoted in 1991 to Deputy Director in charge of the Mineral Exploration Division and as Director of the Mineral and Geoscience Department Sabah from 2006 to 2014. His present position is as General Manager of Hap Seng Building Materials Sdn Bhd which is the biggest quarry owner and operator in Sabah. He was appointed as one of the first Council members of the Board of Geologists by the Federal Minister of Natural Resources and Environment from 1st December 2014 to 30th November 2017.

### IGM SARAWAK CHAPTER

P.Geol. Dr. RICHARD MANI BANDA M.I.G.M graduated with BSc. (Hons) in Geology from Universiti of Malaya, in 1982. He obtained his PhD in Geoscience from Tsukuba University in 1995. He has more than 33 years of international experience and expertise in the geological mapping and mineral exploration. He was the Deputy Director in Department of Geoscience (JMG Sarawak) from 2011-2014, Director of Corporate Affair (JMG HQ) from 2014-2015. His last position in government sector was as the Director of JMG Sarawak in 2015. Currently, he is the Chairman of Geoscience & Minerals Consultant and Training (GMC PLT), Advisor of Pembinaan Jaya Mansang and Advisor of Skyjaya Agriculture Supplies. His mission focuses on the development of mineral activities such as coal and industrial minerals in the State of Sarawak.



(Credits: Tourism Perak and GeoExpro)

## IGM TECHNICAL COMMITTEES CHAIRMAN



### DISASTER RISK REDUCTION & CLIMATE CHANGE ADAPTATION

P.Geol. PROF JOY J PEREIRA F.I.G.M is a Principal Research Fellow at Universiti Kebangsaan Malaysia's Southeast Asia Disaster Prevention Research Initiative (SEADPRI-UKM) and Fellow of the Academy of Sciences Malaysia. Professor Pereira is Vice-Chair of the Intergovernmental Panel on Climate Change (IPCC) Working Group 2 on Impacts, Adaptation and Vulnerability. Prof. Pereira is also a Member of the United Nations Office for Disaster Risk Reduction (UNDRR) Asia Pacific Science, Technology and Academic Group (ASTAAG). Prof. Pereira is a professional geologist registered with the Board of Geologists Malaysia, Past President of the Geological Society of Malaysia and Fellow of the Institute of Geology Malaysia.

### ENVIRONMENTAL & ENGINEERING GEOLOGY

P.Geol. QALAM A'ZAD ROSLE M.I.G.M graduated with BSc. (Hons) in Geology from Universiti of Malaya, in 1995. Currently he is a Senior Geologist at the Department Of Mineral and Geoscience (JMG) Malaysia, in Selangor and Wilayah Persekutuan. He has almost 26 years of experience and his expertise is in Structural Geology and Engineering Geology. His vision and mission is to uphold geological contribution and role of geologist in the nation development at every stage such as during planning, in progress and post development stages as part of the global agenda of sustainable development goals.



### GEOHERITAGE & GEOPARK

P.Geol. Dr TANOT UNJAH M.I.G.M graduated (Ph.D., M.Sc. and B.Sc.) from Universiti Kebangsaan Malaysia (UKM). She is a Research Fellow and Senior Lecturer in Institute for Environment and Development (LESTARI) UKM. She also holds the position as Head of Geology and Landscape Programme in Langkawi Research Centre UKM at Langkawi, Kedah. She has 17 years of experience and her expertise is in geoheritage, geopark, geohazard and sustainable natural resource management. Her vision and mission is to imparting geological knowledge and best practice in expertise area to the study at higher education, academician, policymakers, implementers, public and community through research, teaching, skill development and training to meet the aspiration of sustainable development.

### EARLY CAREER GEOLOGIST

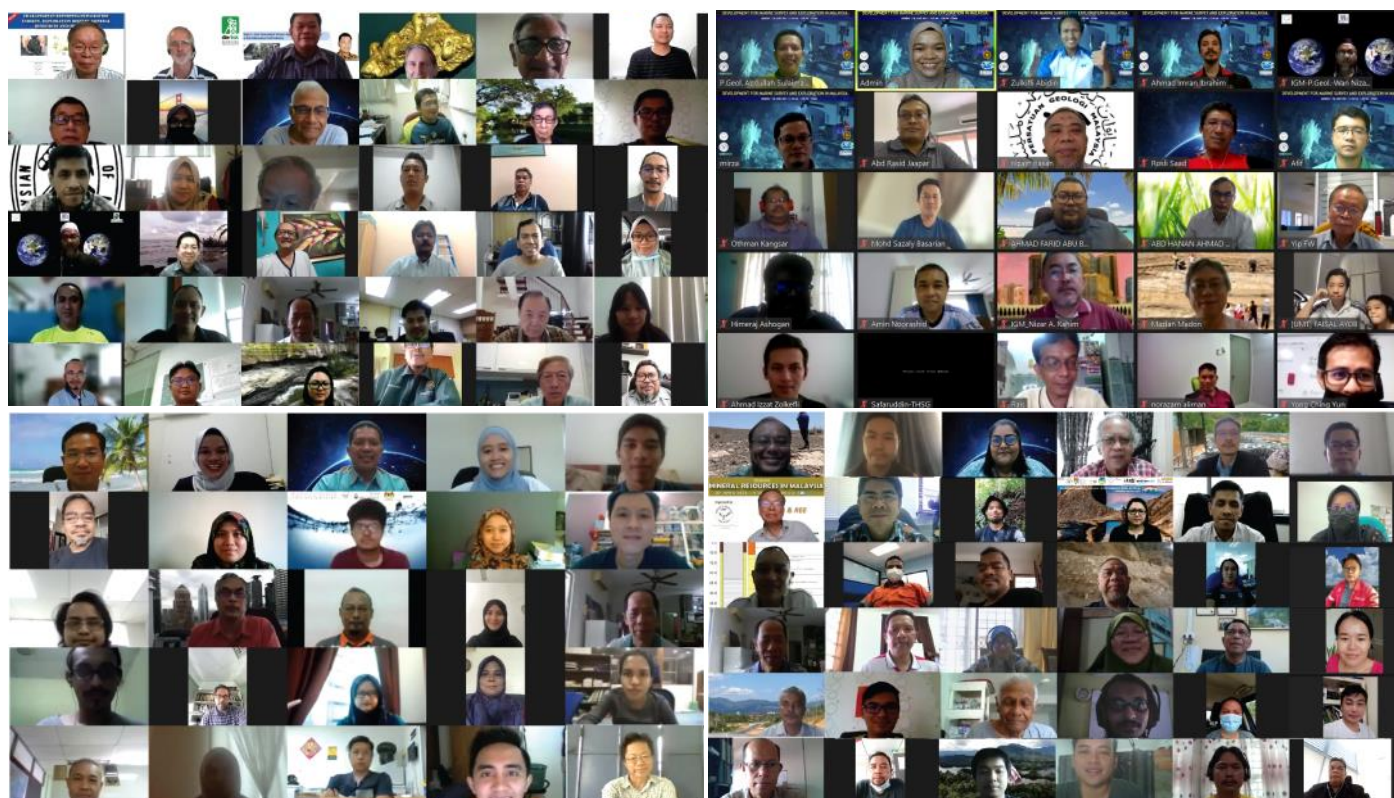
P.Geol. MOHAMAD SHAUFI BIN SOKIMAN M.I.G.M graduated from University Malaysia Terengganu (UMT) in Bachelor of Science (Marine Science) in 2008. He obtained his Master of Science in Petroleum Geology from University of Malaya in 2010. Currently, he is a Lecturer in Geoscience Department, Universiti Teknologi PETRONAS (UTP). He has 10 years of experience and his expertise is in Sedimentology and Petroleum Geology. His motto is to increase the awareness about geology to the public.





Although Covid19 pandemic at its rampant, IGM as a responsible institute for dissemination of geological agenda and knowledge has actively fulfil its task through series of online seminars and webinars. From January to June 2021, IGM and its partner with collaboration with GeoDream have successfully conducted 11 online seminar and webinars using Facebook Live (FB Live) and ZOOM online application platform. Topics covered by webinars and online seminars are carefully selected to suits for the needs of Malaysian geologist and can be considered as magmatic hot topics. The topics and themes for webinars / seminars / workshops ranges from Geoheritage and Geopark Development in Malaysia, Petroleum Geology of Malay Basin, Coastal Geology modelling and Hazard, Challenges in Reporting Exploration Results, Mineral Resources and Ore Reserves, Remote and Autonomous Technologies for Geomarine Exploration, Geoscience Career Pathway as well as technical workshop such as application of Rockworks by Rockware for geological works.

Almost all of these events received large numbers of participation (more than 30 participants), with the highest of participants (1300 views) have been recorded in FB live channel in “Geoscience career pathway: - From Mountain to Deep Sea” on 27<sup>th</sup> June 2021. Comments from participants indicated that the audiences out there generally support the IGM initiatives for organizing and conducting these webinars and seminars. They are looking forward for IGM to continue to bring out interesting, relevant and up to date hot topics for future webinars and seminars event. Table below summarizes the seminar and webinars that successfully conducted by IGM and its partner with collaboration with GeoDream from January to June 2021. (see next page)



(Credits: Geodream Solutions Sdn Bhd)



NO	DATE	TITLE / TOPICS	SPEAKERS	NO. OF PARTICIPANTS & PLATFORM	COMMENTS FROM PARTICIPANTS
1	21 <sup>st</sup> Jan 2021	Pembangunan Geowarisan dan Geopark Di Malaysia	P.Geol. Prof Ibrahim Komoo, P.Geol. Prof Che Aziz Ali Moderator: Mat Niza Abd Rahman	66 -ZOOM 886 views- FB LIVE	This event enlightens us about the importance of geo-heritage for future generation.
2	2 <sup>nd</sup> Feb, 2021	Introduction to Geology for Engineer & Planner 1 - Geomorphology/Terrain Mapping	P.Geol. Askury Abd Kadir, P.Geol. Dr Ferdaus Ahmed	51 - ZOOM	This event has content that could be use to improve ourselves as geologist in the current industries.
3	11 <sup>th</sup> Mar 2021	Geoscience Industry Virtual Forum No. 1/2021	P.Geol. Abd Rasid Jaapar, A Aziz Md Nor Moderator: P.Geol. Askury Abd Kadir	50-ZOOM 220 Views-FB LIVE	Touch interesting and current issues that faced by Professional Geologist
4	22 <sup>nd</sup> Mar 2021,	Seminar on Coastal and Marine Geology: 1) Coastal Modelling, 2) Coastal Geology and Geological Hazard in Malaysia, 3) Coastal Erosion and Management, 4) Coastal Groundwater	Lt. Kol. Bersekutu (PA) Ir. Dr. Safari Hj. Mat Desa P.Geol. Abdullah Sulaiman, Dr. Effi Helmy Ariffin, Dr. Nor Bakhiah Ibrahim	39- ZOOM	Please conduct more programs / events like this. We love it very much.
5	20 <sup>th</sup> Apr 2021	Petroleum Geology in Oil and Gas Industry	P.Geol. Dayang Hasspariah Sapri Moderator: P.Geol. Azimah Ali	31- ZOOM	Meet my expectations.
6	30 <sup>th</sup> Apr 2021	Mineral Resources in Malaysia	P.Geol. Nathan Achuk, P.Geol. Abdul Hadi Abdul Rahman Moderator: P.Geol. Yip Foo Weng	60-ZOOM 63 views-FB LIVE	It is such a great initiative by the board and hope there'll be more events and sharing especially related to the pandemic and career opportunities.
7	28 <sup>th</sup> May 2021	Challenges in Reporting Exploration Targets, Exploration Results, Mineral Resources and Ore Reserves	Mr. Yoga Suyanegara, P.Geol. Dr.Yves Cheze, Mr. Mark Berry Moderator: P.Geol. Yip Foo Weng	71-ZOOM	Keep up the good work on organizing this kind of event for sharing the information and knowledge between geologist in Malaysia or outside Malaysia.
8	4 <sup>th</sup> June 2021	Regional Petroleum Geology of Malay Basin	P.Geol. Ahmad Hakim Mohamed Rashidi Moderator: P.Geol. Muhammad Safwan Ishak	31-ZOOM	All good and very informative
9	21-22 <sup>nd</sup> June 2021	Introduction to Geological Modelling- Rockworks by Rockware	P.Geol. Mohamad Faruq Syahmi Bin Md Aripin	49-ZOOM	Perhaps identify the majority of participants field so the present could share some study works using rockworks.
10	27 <sup>th</sup> June 2021	Geoscience Career Pathway- From Mountain to Deep Sea	P.Geol. Abdullah Sulaiman, P.Geol. Abd Rasid Jaapar, P.Geol. Sanatul Salwa Moderator: P.Geol. Mohamad Shaufi Sokiman	100-ZOOM 1300 views- FB LIVE	Very informative, down to earth experiences by Panels
11	28 <sup>th</sup> June 2021	Workshop on Remote and Autonomous Technologies Development For Marine Survey and Exploration in Malaysia	Asst. Prof. Dr.Ahmad Imran Ibrahim, Assoc Prof. Dr. Zulkifli Zainal Abidin, En. Mirza Iryawan Hamza Moderator: P.Geol. Abdullah Sulaiman	48-ZOOM	Very interesting and knowledgeable, open our eyes for advanced technology for underwater exploration by Malaysian researcher, future collaboration prospects

# SEMINAR & WEBINAR PLANNED BY IGM (JULY-SEPTEMBER 2021)

NO	MONTH	PROPOSED DATE	TOPICS / THEMES	SPEAKERS
1	JULY	Sat, 3 July 2021	IGM GeoSembang Maya bersama Pak Chu Bummy Geosains, Pendidikan dan Profesionalisme: Kenapa dan bagaimana?	P.Geol. Abd Rasid Japar Prof Dato' Dr Husaini Omar P.Geol. Askury Abd Kadir
2	JULY	Sat, 10 July 2021	Forum on soil and rock Description for Civil Engineering Purpose in Malaysia Revisiting Current Practice and Future Needs	Ahmad Sheeqal Shah Roziyahisham P.Geol. Abd Rasid Jaapar
3	JULY	Tue, 27 July 2021	Groundwater Technical Talk 1/2021	P.Geol. Dr Mohd Khairul Nizar P.Geol. Zahir bin Yahya P.Geol. Nizarul Ikram
4	AUGUST	Mon, 30 August 2021	Third National Marine Geology Workshop	TBC
5	AUGUST	Sat, 7 August 2021	IGM GeoSembang Maya bersama Pak Chu Bummy Geosains untuk masyarakat: Kenapa perlu?	TBC
6	SEPTEMBER	Sat, 4 September 2021	IGM GeoSembang Maya bersama Pak Chu Bummy Industri Geosains: Siapa yang juarai?	TBC

TBC: To Be Confirmed



(Credits: Muhammad Abdul Rahman)

# CALL FOR ARTICLES

The IGM News is published quarterly by the Institute of Geology Malaysia starting 2021. Articles and other contributions relevant to IGM are welcomed, but the decision to publish rests with the Editorial Board.

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(Picture by: National Geographic)

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